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**60/215,391** **29 June 2000 (29.06.2000)** **US**
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**WO 02/02633 A2**

(54) Title: **TRANSPORTERS AND ION CHANNELS**

(57) Abstract: The invention provides human transporters and ion channels (TRICH) and polynucleotides which identify and encode TRICH. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or prevention disorders associated with aberrant expression of TRICH.

<110> INCYTE GENOMICS, INC.

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Sanjanwala, Madhu S.

TRIBOULEY, Catherine M.

Walia, Narinder K.

<120> TRANSPORTERS AND ION CHANNELS

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<141> Herewith

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<151> 2000-06-29

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<213> Homo sapiens

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<221> misc\_feature

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C12N 9/64, G01N 33/53, C12Q 1/68, G01N 33/50, A61K  
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60/200,613	28 April 2000 (28.04.2000)	US
60/200,780	28 April 2000 (28.04.2000)	US
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60/201,007	1 May 2000 (01.05.2000)	US
60/201,236	1 May 2000 (01.05.2000)	US
60/201,238	1 May 2000 (01.05.2000)	US
60/201,186	2 May 2000 (02.05.2000)	US
60/201,474	3 May 2000 (03.05.2000)	US
60/201,508	3 May 2000 (03.05.2000)	US
60/220,591	25 July 2000 (25.07.2000)	US
60/232,678	15 September 2000 (15.09.2000)	US
60/263,217	22 January 2001 (22.01.2001)	US
60/265,160	30 January 2001 (30.01.2001)	US
Not furnished	30 January 2001 (30.01.2001)	US
Not furnished	25 April 2001 (25.04.2001)	US

US	60/201,238 (CIP)
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US	60/201,186 (CIP)
Filed on	2 May 2000 (02.05.2000)
US	60/201,474 (CIP)
Filed on	3 May 2000 (03.05.2000)
US	60/201,508 (CIP)
Filed on	3 May 2000 (03.05.2000)
US	60/220,591 (CIP)
Filed on	25 July 2000 (25.07.2000)
US	60/232,678 (CIP)
Filed on	15 September 2000 (15.09.2000)
US	60/263,217 (CIP)
Filed on	22 January 2001 (22.01.2001)
US	60/265,160 (CIP)
Filed on	30 January 2001 (30.01.2001)
US	Not furnished (CIP)
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US	Not furnished (CIP)
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[Continued on next page]

(63) Related by continuation (CON) or continuation-in-part  
(CIP) to earlier applications:

US	60/200,158 (CIP)
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US	60/200,613 (CIP)
Filed on	28 April 2000 (28.04.2000)
US	60/200,780 (CIP)
Filed on	28 April 2000 (28.04.2000)
US	60/201,006 (CIP)
Filed on	1 May 2000 (01.05.2000)
US	60/201,007 (CIP)
Filed on	1 May 2000 (01.05.2000)
US	60/201,236 (CIP)
Filed on	1 May 2000 (01.05.2000)

(54) Title: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME

(57) Abstract: Disclosed herein are nucleic acid sequences that encode G-coupled protein-receptor related polypeptides. Also dis-  
closed are polypeptides encoded by these nucleic acid sequences, and antibodies, which immunospecifically-bind to the polypeptide,  
as well as derivatives, variants, mutants, or fragments of the aforementioned polypeptide, polynucleotide, or antibody. The invention  
further discloses therapeutic, diagnostic and research methods for diagnosis, treatment, and prevention of disorders involving any  
one of these novel human nucleic acids and proteins.

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